#### **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10551,697A

Source: TFUP

Date Processed by STIC: 74906

# ENTERED



**IFWP** 

RAW SEQUENCE LISTING DATE: 07/14/2006
PATENT APPLICATION: US/10/551,697A TIME: 10:20:03

Input Set : F:\122067\_00005.ST25.txt
Output Set: N:\CRF4\07142006\J551697A.raw

3 <110> APPLICANT: Pharmaco Genetics Limited Xue, Hong Sze Lo, Wing 7 <120> TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISM FOR THE DIAGNOSIS AND TREATMENT OF SCHIZOPHRENIA SPECTRUM DISORDERS 8 10 <130> FILE REFERENCE: HKPC-0003US (122067.00005) 12 <140> CURRENT APPLICATION NUMBER: 10/551,697A 13 <141> CURRENT FILING DATE: 2005-09-30 15 <150> PRIOR APPLICATION NUMBER: PCT/CN2004/000287 16 <151> PRIOR FILING DATE: 2004-03-31 18 <150> PRIOR APPLICATION NUMBER: CA 2,423,327 19 <151> PRIOR FILING DATE: 2003-04-02 21 <160> NUMBER OF SEQ ID NOS: 16 23 <170> SOFTWARE: PatentIn version 3.3 25 <210> SEQ ID NO: 1 26 <211> LENGTH: 8537 27 <212> TYPE: DNA 28 <213> ORGANISM: human 31 <220> FEATURE: 32 <221> NAME/KEY: misc feature 33 <222> LOCATION: (1737)..(1737) 34 <223> OTHER INFORMATION: SNP G/T [Rs6556547] 36 <220> FEATURE: 37 <221> NAME/KEY: misc feature 38 <222> LOCATION: (1956)..(1956) 39 <223> OTHER INFORMATION: SNP A/G [Rs1816071] 41 <220> FEATURE: 42 <221> NAME/KEY: misc feature 43 <222> LOCATION: (2256)..(2256) 44 <223> OTHER INFORMATION: SNP T/C [rs1816072] 46 <220> FEATURE: 47 <221> NAME/KEY: misc\_feature 48 <222> LOCATION: (3257)..(3257) 49 <223> OTHER INFORMATION: SNP T/C [rs194072] 51 <220> FEATURE: 52 <221> NAME/KEY: misc feature 53 <222> LOCATION: (3575)..(3575) 54 <223> OTHER INFORMATION: SNP G/C [rs252944] 56 <220> FEATURE: 57 <221> NAME/KEY: misc feature 58 <222> LOCATION: (5287)..(5287) 59 <223 > OTHER INFORMATION: SNP T/C [rs187269]

61 <400> SEQUENCE: 1

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Output Set: N:\CRF4\07142006\J551697A.raw

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    64 tgcaaacata catgccttcc atcctgatta ccatcctctc ctgggtctcc ttctggatta
                                                                            180
    66 attacgatgc ttcagctgca agggtggcat taggtaggcc attttattac tgcttgtgga
                                                                            240
    68 ttttqactct gtgtgtacat ttctgtgttc gcatgcacgc gttttcctta tcctgaaatt
    70 tqtqqtqcat qacqcaactq aacctctcac actqtaagag tttcgctatg agactttggg
                                                                            300
    72 tqatctqatt caqcattaaa tcaattaaac acgaagtaaa gctctttcat gtcagtatta
                                                                            360
                                                                            420
    74 qttaaccqta tatctqttqa taatqaqatt aqtcccatca gtttgatatt tttattgaaa
    76 catatttcat atagtattgc ttgcataatt gttcaatttg tatctgtgct tctttaccta
                                                                            480
    78 agaagacctc ccttctacgt ttttttctcc atgaaagaca agaagatgtt gtgtgtagca
                                                                            540
                                                                            600
    80 aatggataag cagaaagaat tctaaagtct tgttaacatt tcagagtagc atgactaagg
    82 caqqaqacaa caaagtaaga atattgagaa gtaatctgtg gcatctctca tcttatgctg
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    84 tttttttcta acaaacacaa aaggagaata aattacattt catgaacatt tttgttatta
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    86 acttcaqata aaqtaaattt atgqcctttt acacgatctt gattattatg gattctgact
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    88 attcccttta aaatqttqaa ttqttcactt ttaccattag atctcaattc aatcattact
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    90 ttcttagaag agccactcat ttattattca acaagtaatt gttaaatacc taatatatgc
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    92 taattgtact aagcactgga gatagagcag tcttctgaaa gttatatcta gcagtaaaag
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    94 atatacaata aatttaataa ccacataaat tatacaatgt ggtaaatcta tagagggata
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    96 taaagcaagg gggcatgggt ttgctagaag ttcagtttag aataattagg gccgacttca
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    98 ctcagaagtt gtcattggaa ctaagacttg aagattgaga gcaatgtgga tacctgggtg
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    102 ggctaatgag gccaagtgag ttcaggggaa gtagcaaaga taatgttagg gaaagaggcc
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    1320
    106 tattttgaat gaaatagcca ttgactgagc ataaaagtgg catgatttga tttctgtttt
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W--> 118 aataaaattt gcaaatatcc catttttcca aagttgaaac atgtctttt tgtatcnatt
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     120 acaggaacaa taaataattc attaactttt tagaagacat ttttaaaaatg tctttatgtg
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     124 agcaatgtca gttttattat atacgtatga tacaggatca tccgtagttg aaatgatgaa
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    128 taagatacct gtatctaaag caagaccaag gttttatggg cgtgctcaga atcaaatgct
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     146 ttqtccqatc catatacatq aqqqctatqa ttcctqcttc tctgttaccc tccactccaa
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    150 gtaccettge tgttatttta attgacttca ettecateat teagttggat tactetgaaa
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     152 acctettaac tggcattett tttttttttt ttttttttt agacggagte ttgetgtgt
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    154 qcccaqqcqq qaqtqcaqtq qcqcaatctc qqctcactgc aagctccgcc tcccgggttc
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    156 acgccattct cctgcctcag cctcccgagt agctgggact acaggcgccc gccatcacgc
     158 ccggctaatt tttttgtatt tttagtagag acagggtttc accgtgttag ccaggatggt
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Input Set : F:\122067\_00005.ST25.txt
Output Set: N:\CRF4\07142006\J551697A.raw

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168	atggccctta	acctccagtc	ttctcacgat	tcttcccatc	ctgtcttgca	atgtacccac	3240
170	aatgattttt	ccgagancat	ggtaatggac	tgtgtactct	ccccaaatc	caaccttgat	3300
172	ataaaagctc	tctccaccag	cagtccccat	aagtcaaaaa	tgacttttga	ccccagttc	3360
174	tgggttgcct	gggtgacttt	cactcatttt	tcagaaatca	gctcaaaagt	ctctatttcc	3420
176	taacctcatc	cctggcacat	cagaaagttg	acctagagtc	ctctccatat	tctgaactct	3480
178	taccttacac	atgtgcccat	catagcattt	aattcacgtt	ttaaccccgc	actagatata	3540
180	taactataaa	tacaaaaatt	taattaaaag	aaggnatcaa	acgttcagtg	atcactgtaa	3600
182	gctaatttat	acctatatcc	attccctatc	ctagggctgg	catgcaatag	taaaggccca	3660
		tgtggcatat					3720
186	aagaaagaag	aaaagagata	ggaacattat	tactctaact	ctcccatttt	ttttcaggaa	3780
188	tcacaactgt	cctcacaatg	accacaatca	acacccacct	ccgggaaact	ctccctaaaa ·	3840
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		tgagaaggct					4020
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		gaccttgttg					4140
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		ggatgccctt					4260
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		tgaagtctct					4500
		acagatgtgt					4560
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		ttgcacatat					4680
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		tatttccttg					5280
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		atgtttttca					5400
		acttcttgct					5460
244	cccttggaaa	ccaaaaaacc	gtaagggtct	aggaaattgt	caaattcttt	cccacaccca	5520
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Input Set : F:\122067\_00005.ST25.txt
Output Set: N:\CRF4\07142006\J551697A.raw

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262 ttttcagtgg ttctcaaaac agggtcattt tcttctccca gaggacatta ggcattgtct
264 qqaqacatct ttcattqtaa aaactataqq atqaqqttta ctactqqtat ctagtgtgta
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266 gaggcccagg ttgctgctac acatttggca gtgtgcagga tagcttccct gtaacttctt
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268 gttttcaaac atgagaaact gaggtactga aaaaataata tccttgtcgt ctaaatattc
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270 tttagcaaag ttgtttctcc attttctttg agcagcatgt gtaagaatca agacatcatg
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272 agtcatggtt tagaacaatg gttctgaaca aatattttag agtctttcaa gttcaatatt
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274 taccttccca tttaacaact gggtgacagt agacaaaaaa tttagcctct ctggcccttt
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276 aqttttctca tctqtqaaac aqqqttaatt cctctcttat aaagttactc atgaacataa
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278 ttgtgataat gtgcaaagag ggtaatatag tcctcaatac atggtaagca ctcaggaagt
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280 gataaatatt aataaaatat taaaatataa taagtggtag gcattattac tttttaaaat
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282 aaaatttgca gtccccatac ttattggtga tgctagcgtg tgtgttctat atgctctacc
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284 atgtggaatg cagtagcatc cctaaagcag tgtattgttt agacaggaat gttttatgtt
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286 agaagtttta aagtcaaatc aagaaaatca tttttcaaag ggtattagct ataaaatcta
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288 tagcaaatca actgcatcaa actctattaa ttatttctta gagcagaaaa cctacaaccc
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290 attttgatta gattaaaaca aaatgctgac catcaagctt tccagactcc cactatttct
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292 ttgttcaccc agcatgaaag gttagaggag gtccacattg ctcctgatta tgcggtgctg
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302 ctgtcctgag gtcagggagg gttgaaaacg ggaagcctgc ccaggtggga gcccagtgtt
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308 acqtaaaaqc ctatqtqcct aaagaaggtg aaatagccaa ggtcacatag caagctttta
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324 tgtcctaatg gaatttgctt ttgattgatt tcacccactg ttcttgcccg tagcttcaag
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330 atttgcacat atcaaatgca cctgcagcca acagttttct aactaaagct gcaccacaga
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332 gatetecatt taagggtgtt etttattetg catteatggg tgetgtgact etttgtgttg
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334 totttatoca ttgtgtgtaa tottttotaa tgtaaagoca otaagatatt ttoaatoaat
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338 aaattcccat tctctgttag cctttatcta aaggatttct aaaggccagt agcatttatc
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340 tatatccaat ttactttaac catcaggcct aatctagtag catcaatcga cttaattagc
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342 acatteteta ettigtette cagattitti ataaagatat taaacaaaat gggacecaat
344 atcqatcctt gtgggaccct actggaaacc tctccccaac tagacggact accaattacg
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349 <210> SEQ ID NO: 2 350 <211> LENGTH: 24

351 <212> TYPE: DNA

352 <213> ORGANISM: artificial sequence

Input Set : F:\122067\_00005.ST25.txt
Output Set: N:\CRF4\07142006\J551697A.raw

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	<213> ORGANISM: artificial Sequence	
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381	<400> SEQUENCE: 4	
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RAW SEQUENCE LISTING ERROR SUMMARY DATENT APPLICATION: US/10/551,697A

DATE: 07/14/2006 TIME: 10:20:04

Input Set : F:\122067\_00005.ST25.txt
Output Set: N:\CRF4\07142006\J551697A.raw

#### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1787,1956,2256,3257,3575,5287

VERIFICATION SUMMARY

DATE: 07/14/2006

PATENT APPLICATION: US/10/551,697A

TIME: 10:20:04

Input Set : F:\122067\_00005.ST25.txt
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L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1680

M:341 Repeated in SeqNo=1